Index of Claims

| Application No. | Applicant(s) |
|---------------------|--------------|
| 09/687,053 | HEY ET AL. |
| Examiner | Art Unit |
| Donald R. Valentine | 1742 |

(Through numeral) Rejected Cancelled Allowed Restricted

Non-Elected Ν Interference

Appeal 0 Objected

| | | | L | | | | 1 | | Ь | L | | | |
|-------|---|---|----------|-----------|----------|--|----------|---------------|--------------|--|---|--|--|
| Cla | aim | Τ. | Date | | | | | | | | | | |
| Final | Original | 201013 | | | | | | | | | | | |
| | 11 | | | | | | | | | | | | |
| | 4 | <u> </u> | | | | | L. | _ | | | | | |
| | 3 | L | | | | | <u>_</u> | | | <u> </u> | | | |
| | 4 | 2 | | | _ | | _ | _ | | ļ | ŀ | | |
| | 5 | Ξ | _ | _ | ⊢ | | | <u> </u> | | | | | |
| | 4 | = | ļ | ├ | ├ | ļ | | | | 1 | l | | |
| | 4 | ┢ | | | ⊢ | ┢ | - | | | - | ł | | |
| | 4 | ╁┈ | - | \vdash | ╁ | ┢ | | | | ┢ | | | |
| | 10 | = | \vdash | | \vdash | ┢ | | ┢ | | ┢ | | | |
| | 11 | = | | | \vdash | \vdash | ┪ | | | H | | | |
| - | 12 | 11 11 11 | | | 1 | | <u> </u> | T | | | 1 | | |
| | 4 5 6 7 8 10 11 12 18 16 16 17 18 19 20 22 22 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 38 39 40 40 40 40 40 40 40 40 40 40 40 40 40 | | | | | L | | | | | 1 | | |
| | 14 | | | | | | | | | | | | |
| | 15 | | | | | | | | | | | | |
| | 16 | 1 1 | <u> </u> | _ | | | | | | | | | |
| | 17 | = | | <u> </u> | | _ | | | _ | _ | | | |
| | 1/8 | <u> </u> | _ | <u> </u> | | | _ | L_ | ļ | ļ | l | | |
| | 19 | ├ | <u> </u> | <u> </u> | <u> </u> | | <u> </u> | | | ļ | | | |
| | 20 | <u> </u> | | _ | | | <u> </u> | | - | | l | | |
| | 22 | = | | ┝ | | | - | ├- | <u> </u> | - | | | |
| | 3/3 | - | | ├ | | \vdash | - | \vdash | | ┝ | ŀ | | |
| | 24 | _ | | ┢ | | | | | \vdash | - | | | |
| | 25 | = | | | | | | | \vdash | | | | |
| | 26 | 2 | | | | | | | | \vdash | | | |
| | 27 | = | | | | | | | | | | | |
| | 28 | = | | | | | | | | | | | |
| | 29 | = | | | | | | | | | | | |
| | 30 | = | | | ļ | _ | | _ | | | | | |
| | 31 | = | | <u> </u> | _ | | | ļ | _ | _ | | | |
| | 32 | 14 21 11 11 11 11 11 11 11 11 11 11 11 11 | | ┡ | - | - | _ | | ├- | <u> </u> | l | | |
| | 34 | = | | \vdash | | | | | | | | | |
| | 35 | - | | ┢─ | ├ | | - | | - | | | | |
| | 36 | - | | | - | | | ┢ | | | | | |
| | 37 | = | | | | | | | | \vdash | | | |
| | 38 | 4 | | | _ | | | F | | <u> </u> | | | |
| | 30 | | | | | | | Г | | | | | |
| | | | | | | | | | | | | | |
| | 41 | = | | | _ | | L | | | L | | | |
| | 42 | = | _ | _ | _ | L | <u> </u> | | <u> </u> | _ | | | |
| | 43 | 1 | | <u> </u> | - | <u> </u> | <u> </u> | _ | | Ļ. | | | |
| | 44 45 | = | | - | - | <u> </u> | <u> </u> | <u> </u> | _ | | | | |
| | 46 | Ξ | | _ | \vdash | \vdash | \vdash | - | | <u> </u> | | | |
| | 46 | ⊢ | | - | | \vdash | \vdash | - | \vdash | \vdash | | | |
| | 48 | | | | \vdash | - | - | | | | | | |
| | 49 | Н | | | | - | | | _ | | | | |
| | 50 | Н | | - | | | \vdash | - | | | | | |

| Ιa | im | | | | - 1 | Dat | e | | | | Cla | aim | r | | | | Date | е — | | | | ١ |
|----------|--|----------|----------|---|-----|----------|--------------|--|------------------------------|-----------|-------------|----------|----------|----------|-----------|----------|----------|----------|---|----------|----------|---|
| | Original | 1000 | | | | | | | | | Final | Original | | | | | | | | | | |
| | 11 | İ | П | | | | | | | 7 | · · · · · · | 51 | \vdash | \Box | | | | \vdash | | Т | | l |
| | 1/4 | \vdash | П | | | | | | | | | 52 | | | | | | | | | | l |
| | 3 | | | | | | | 1 | | | | 53 | | | | | | | | | | l |
| | 4 5 | 2 | | | | | | | | | | 54 55 | | | | | | | | | | l |
| | 5 | Ξ, | | | | | | | | | | 55 | | | | | | | | | | l |
| | 6 | Ξ | | | | | | | | _ | | 56 57 | | | | | L | | | | | l |
| _ | 1 | | | | | _ | <u> </u> | ļ | | _ | | 57 | | | | | | | | | | l |
| 4 | 8 | L. | | | | <u> </u> | ļ | ļ | | _ | | 58 | | | | | | L | | | | l |
| 4 | 4 | L | | | | <u> </u> | ļ., | ļ | Н | _ | | 59 | | | | | _ | L | | _ | | l |
| 4 | 10 | = | Н | | | <u> </u> | ₩ | ļ | | \dashv | | 60 | _ | - | | | | <u> </u> | | | | l |
| 4 | 11 | = | Н | | | | - | <u> </u> | H | \dashv | | 61 | | | | | <u> </u> | <u> </u> | | - | | l |
| \dashv | 12 18 | _ | | | | | | | Н | - | | 62 63 | H | | | | - | | | | | l |
| \dashv | 1 | - | | | | - | | ╁ | \vdash | \dashv | <u> </u> | 64 | \vdash | \vdash | | | - | \vdash | | | | l |
| - | 16 | | | | | ⊢ | | | \vdash | \dashv | \vdash | 65 | \vdash | \vdash | | - | | | - | | | l |
| - | 16 | 2 | | | - | - | | ╁ | H | \dashv | - | 66 | Н | | | | - | - | | | \vdash | l |
| - | 17 | = | | | | H | | ╁ | Н | \dashv | | 67 | - | | | - | | | | | \vdash | ŀ |
| \dashv | 18 | | Н | | | _ | | H | H | \dashv | | 68 | | | | | _ | \vdash | | | | ŀ |
| 1 | 16 | | | | | | - | - | 1 | | | 69 | | \vdash | | | _ | \vdash | | | | ŀ |
| 7 | 26 | | | | | | | 一 | \vdash | | | 70 | | \vdash | - | | | | - | | - | ŀ |
| | 2 | | | | | | | | \vdash | \neg | | 71 | | | | | - | <u> </u> | - | | - | l |
| | 22 | = | | | | _ | | \vdash | \Box | | | 72 | | | | | | | | _ | | ı |
| | 23 | _ | | | | | - | | \Box | \exists | | 73 | | | | | | | | _ | | l |
| | 18 19 20 21 22 23 24 25 | = | | | | | | | П | \neg | | 74 | | | | | | | | | | l |
| | 25 | 14 | | | | | | | | | | 75 | | | | | | | | | | l |
| | 26 | 11 11 | | | | | | | | | | 76 | | | | | | | | | | l |
| | 27 | = | | | | | | | | | | 77 | | | | | | | | | | |
| | 28 | 11 11 11 | | | | | | | Ш | _ | | 78 | | | | | | | | | | |
| _ | 29 | = | | | | | <u></u> | | | | | 79 | | | | | | | | | | l |
| | 30 | = | | | | _ | | | Ш | _ | | 80 | | | | | | | | | | l |
| 4 | 31 | 11 | | | | | | <u> </u> | Ш | _ | | 81 | | Щ | | | | | | | | l |
| 4 | 32 | = | \Box | | | <u> </u> | | | \sqcup | _ | <u> </u> | 82 | | | | | | L | | | | l |
| 4 | 33 | : | \sqcup | | | | _ | <u> </u> | | _ | <u> </u> | 83 | | | | | | L | | | | |
| - | 34 | | ├─┤ | _ | | _ | | | \vdash | _ | <u> </u> | 84 | - | | | <u> </u> | | _ | | | _ | 1 |
| - | 35 36 | | ┝╼┥ | | | \vdash | <u> </u> | ├ | \vdash | \dashv | | 85 | \vdash | | | | - | _ | | \vdash | | l |
| - | 37 | <u>:</u> | | - | | <u> </u> | - | \vdash | $\left \cdot \cdot \right $ | - | <u> </u> | 86 87 | | \vdash | - | | \vdash | | | | | l |
| + | 38 | 4 | \vdash | - | | | | \vdash | H | | - | 88 | \vdash | \vdash | - | | Н | H | | | \vdash | |
| ┥ | 30 | - | \vdash | | | | | \vdash | \vdash | \dashv | | 89 | \dashv | | | | | H | | | H | |
| + | 40 | | \vdash | - | _ | | | | | \dashv | | 90 | - | \dashv | | | - | \vdash | | | \vdash | |
| + | 41 | = | \vdash | | | - | \vdash | t^- | \vdash | \dashv | — | 91 | \vdash | - | - | | | H | Н | Н | H | |
| 7 | 42 | = | | | : | | - | t^- | Н | - | | 92 | | - | | | | | | | \vdash | |
| 7 | 43 | Ξ | | | | | Г | | | | | 93 | П | | \dashv | | _ | | | | | |
| 7 | 44 | H | \Box | | | | Г | | | _ | _ | 94 | | | | | | | | \Box | \Box | |
| 7 | 45 | 11 | | | | | | | | \neg | | 95 | \Box | | | | | | | | | |
| _ | 46 | H | | | | | | | | 7 | | 96 | | | \exists | | | | | | | |
| | 47 | | | | | | | | | | | 97 | | | | | | | | | | |
| _[| 48 | | | | | | | | | | | 98 | | | | | | | | | | |
| _[| 49 | Ш | | | | L | | <u> </u> | \Box | _]: | | 99 | | | | | | | | | | |
| | 50 | Ш | | | | Ц, | L | | | | L] | 100 | | | | | | | | | | 1 |
| | | | | | | | | | | | | | | | | | | | | | | |

| CI | aim | | | | | Date | е | | | |
|-------|------------|---|---|----------|---|----------|---|----------|--------------|----------|
| Final | Original | | | | | | | | | |
| | 101 102 | | | | | | | | | |
| | 103 | | | | | | | | | |
| | 104 105 | | | | | _ | _ | | | |
| | 106 | | | | | | | | | |
| | 107 108 | - | | \vdash | | \vdash | | - | - | \vdash |
| | 109 | | | | | | | | | |
| | 110 111 | | | \vdash | | \vdash | ļ | ├ | | |
| | 112 | | | | | | | | | |
| | 113 114 | - | | | ļ | | | | | |
| | 115 116 | | | | | | | | | |
| | 117 | | | | | | | | | |
| | 118 119 | | | | | | | | | |
| , | 120 | | | | | | | | | |
| | 121 122 | | | | | ļ | | | | |
| | 123 | | | | | | | | | |
| | 124 125 | | _ | | - | | | | | |
| | 126 127 | | | | | | | | | |
| | 128 129 | | | | | | | | | |
| | 129 130 | | | | | | | | _ | |
| | 131 | | | | | | | | | |
| | 132 133 | | _ | - | | | | | | - |
| | 134 | | | | | | | | | |
| | 135 136 | | _ | | | \vdash | | - | \vdash | - |
| | 137 | | | | | | | | | |
| | 138 139 | | _ | | | \vdash | _ | - | | |
| | 140 | | | | | _ | | | | |
| | 141 142 | | | | | _ | _ | | | |
| | 143 144 | | | _ | | _ | | <u> </u> | | |
| | 145 | | | | | | | | | |
| | 146 147 | | - | | | H | | H | H | \dashv |
| | 148 | | | | | | | | | |
| | 149 150 | | | | | | | _ | - | - |